

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application

Applicant: Utsunomiya et al.

Serial No.

Filed: February 13, 2004

For: STORAGE CONTROL
 APPARATUS, STORAGE
 APPARATUS, STORAGE
 CONTROL METHOD, AND
 COMPUTER PRODUCT

Art Unit:

) I hereby certify that this paper is being deposited with the United
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INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Dear Sir:

This IDS is submitted under 37 C.F.R. § 1.97(b) within either of the following time periods, whichever occurs last:

- (a) within three months of either the filing date of the national application or the date of entry into the national stage; or
- (b) before the mailing date of first office action on the merits (i.e., not including actions such as restriction requirements).

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§ 1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

February 13, 2004

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Respectfully submitted,

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By:


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Form PTO-1449 U.S. Department of Commerce (Rev. 8-88) Patent and Trademark Office				Attorney Docket No.: 1912.69647		Serial No.:	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Applicant: Utsunomiya et al.			
				Filing Date: February 13, 2004		Group:	

U.S. PATENT DOCUMENTS							
Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	

FOREIGN PATENT DOCUMENTS								
Examiner Initial*	Document Number	Date	Country	Class	Subclass	Translation		
						Yes	No	
	11-275149	Oct. 8, 1999	Japan			Abs.		
	2001-203752	July 27, 2001	Japan			Abs.		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	APT Technologies, Inc., Dell Computer Corporation, Intel Corporation, Maxtor Corporation, Seagate Technology, Serial ATA, "High Speed Serialized AT Attachment", http://www.serialata.org/collateral/index.shtml .

Examiner	Date Considered
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